Kazuhiko Suga

List of Publications by Year
in descending order

145	2,707	218381 26	197535 49
papers	citations	h-index	g-index

154	154	154	1552
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Development and application of a cubic eddy-viscosity model of turbulence. International Journal of Heat and Fluid Flow, 1996, 17, 108-115.	1.1	450
2	A D3Q27 multiple-relaxation-time lattice Boltzmann method for turbulent flows. Computers and Mathematics With Applications, 2015, 69, 518-529.	1.4	143
3	An investigation of water-gas transport processes in the gas-diffusion-layer of a PEM fuel cell by a multiphase multiple-relaxation-time lattice Boltzmann model. Journal of Power Sources, 2007, 172, 542-552.	4.0	128
4	Prediction of turbulent transitional phenomena with a nonlinear eddy-viscosity model. International Journal of Heat and Fluid Flow, 1997, 18, 15-28.	1.1	127
5	Numerical simulation of binary liquid droplet collision. Physics of Fluids, 2005, 17, 082105.	1.6	124
6	Towards the development of a Reynolds-averaged algebraic turbulent scalar-flux model. International Journal of Heat and Fluid Flow, 2001, 22, 19-29.	1.1	105
7	Effects of wall permeability on turbulence. International Journal of Heat and Fluid Flow, 2010, 31, 974-984.	1.1	99
8	An analytical wall-function for turbulent flows and heat transfer over rough walls. International Journal of Heat and Fluid Flow, 2006, 27, 852-866.	1.1	75
9	Kinetic lattice Boltzmann method for microscale gas flows: Issues on boundary condition, relaxation time, and regularization. Physical Review E, 2007, 76, 036711.	0.8	71
10	Direct numerical simulation of turbulence over anisotropic porous media. Journal of Fluid Mechanics, 2017, 831, 41-71.	1.4	71
11	Lattice Boltzmann direct numerical simulation of interface turbulence over porous and rough walls. International Journal of Heat and Fluid Flow, 2016, 61, 145-157.	1.1	64
12	A numerical study on the breakup process of laminar liquid jets into a gas. Physics of Fluids, 2006, 18, 052101.	1.6	53
13	Nonlinear eddy viscosity modelling for turbulence and heat transfer near wall and shear-free boundaries. International Journal of Heat and Fluid Flow, 2000, 21, 37-48.	1.1	48
14	Vortex structure of turbulence over permeable walls. International Journal of Heat and Fluid Flow, 2011, 32, 586-595.	1.1	48
15	Evaluation of a lattice Boltzmann method in a complex nanoflow. Physical Review E, 2010, 82, 016701.	0.8	46
16	Lattice Boltzmann methods for complex micro-flows: applicability and limitations for practical applications. Fluid Dynamics Research, 2013, 45, 034501.	0.6	45
17	An experimental study of the local heat transfer characteristics in automotive louvered fins. Experimental Thermal and Fluid Science, 1989, 2, 293-300.	1.5	40
18	Anomaly of the lattice Boltzmann methods in three-dimensional cylindrical flows. Journal of Computational Physics, 2015, 280, 563-569.	1.9	37

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19	Imbalance-correction grid-refinement method for lattice Boltzmann flow simulations. Journal of Computational Physics, 2016, 311, 348-362.	1.9	37
20	Predicting turbulence and heat transfer in 3-D curved ducts by near-wall second moment closures. International Journal of Heat and Mass Transfer, 2003, 46, 161-173.	2.5	35
21	Understanding and Modelling Turbulence Over and Inside Porous Media. Flow, Turbulence and Combustion, 2016, 96, 717-756.	1.4	35
22	Spanwise turbulence structure over permeable walls. Journal of Fluid Mechanics, 2017, 822, 186-201.	1.4	32
23	Anisotropic wall permeability effects on turbulent channel flows. Journal of Fluid Mechanics, 2018, 855, 983-1016.	1.4	30
24	Transport Mechanism of Interface Turbulence over Porous and Rough Walls. Flow, Turbulence and Combustion, 2016, 97, 1071-1093.	1.4	29
25	Modelling turbulence around and inside porous media based on the second moment closure. International Journal of Heat and Fluid Flow, 2013, 43, 35-51.	1.1	26
26	Development and application of a multi-scale kâ€“Îµ model for turbulent porous medium flows. International Journal of Heat and Fluid Flow, 2014, 49, 135-150.	1.1	26
27	Modelling turbulent and dispersion heat fluxes in turbulent porous medium flows using the resolved LES data. International Journal of Heat and Fluid Flow, 2017, 68, 225-236.	1.1	26
28	An implicit gas kinetic BGK scheme for high temperature equilibrium gas flows on unstructured meshes. Computers and Fluids, 2014, 93, 100-106.	1.3	25
29	Large eddy simulations of pore-scale turbulent flows in porous media by the lattice Boltzmann method. International Journal of Heat and Fluid Flow, 2015, 55, 143-157.	1.1	25
30	Numerical Study on Heat Transfer and Pressure Drop in Multilouvered Fins. Journal of Enhanced Heat Transfer, 1995, 2, 231-238.	0.5	22
31	Large eddy simulation analysis of engine steady intake flows using a mixed-time-scale subgrid-scale model. International Journal of Engine Research, 2010, 11, 229-241.	1.4	21
32	Three Dimensional Microscopic Flow Simulation Across the Interface of a Porous Wall and Clear Fluid by the Lattice Boltzmann Method. Open Transport Phenomena Journal, 2009, 1, 35-44.	0.5	20
33	Capturing the Pinch-Off of Liquid Jets by the Level Set Method. Journal of Fluids Engineering, Transactions of the ASME, 2003, 125, 922-927.	0.8	19
34	A boundary reconstruction scheme for lattice Boltzmann flow simulation in porous media. Progress in Computational Fluid Dynamics, 2009, 9, 201.	0.1	19
35	Turbulence Characteristics in Flows Over Solid and Porous Square Ribs Mounted on Porous Walls. Flow, Turbulence and Combustion, 2013, 91, 19-40.	1.4	19
36	Heat transfer enhancement by external magnetic field for paramagnetic laminar pipe flow. International Journal of Heat and Mass Transfer, 2015, 90, 388-395.	2.5	18

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37	Computation of high Prandtl number turbulent thermal fields by the analytical wall-function. International Journal of Heat and Mass Transfer, 2007, 50, 4967-4974.	2.5	17
38	Extensive investigation of the influence of wall permeability on turbulence. International Journal of Heat and Fluid Flow, 2019, 80, 108465.	1.1	17
39	Modeling the Rapid Part of the Pressure-Diffusion Process in the Reynolds Stress Transport Equation. Journal of Fluids Engineering, Transactions of the ASME, 2004, 126, 634-641.	0.8	16
40	Characteristics of turbulent square duct flows over porous media. Journal of Fluid Mechanics, 2020, 884, .	1.4	16
41	Algebraic non-equilibrium wall-stress modeling for large eddy simulation based on analytical integration of the thin boundary-layer equation. Physics of Fluids, 2019, 31, 075109.	1.6	15
42	Direct numerical simulation of turbulent heat transfer over fully resolved anisotropic porous structures. International Journal of Heat and Fluid Flow, 2020, 81, 108515.	1.1	14
43	Simultaneous measurement of turbulent velocity field and surface wave amplitude in the initial stage of an open-channel flow by PIV. Experiments in Fluids, 2005, 39, 945-953.	1.1	13
44	Computation of turbulent flows over porous/fluid interfaces. Fluid Dynamics Research, 2009, 41, 012401.	0.6	13
45	Application of a three-equation cubic eddy viscosity model to 3-D turbulent flows by the unstructured grid method. International Journal of Heat and Fluid Flow, 2001, 22, 259-271.	1.1	12
46	Measurements of serpentine channel flow characteristics for a proton exchange membrane fuel cell. International Journal of Hydrogen Energy, 2014, 39, 5942-5954.	3.8	12
47	Progress in the extension of a second-moment closure for turbulent environmental flows. International Journal of Heat and Fluid Flow, 2015, 51, 268-284.	1.1	12
48	Large eddy simulation of passive scalar in complex turbulence with flow impingement and flow separation. Heat Transfer - Asian Research, 2001, 30, 402-418.	2.8	11
49	Improvement of second moment closure for turbulent obstacle flow and heat transfer. International Journal of Heat and Fluid Flow, 2004, 25, 776-784.	1.1	11
50	Modelling turbulent high Schmidt number mass transfer across undeformable gasâ€“liquid interfaces. International Journal of Heat and Mass Transfer, 2010, 53, 2989-2995.	2.5	11
51	Turbulence characteristics and mixing performances of viscoelastic fluid flow in a serpentine microchannel. Journal of Physics: Conference Series, 2011, 318, 092020.	0.3	11
52	Numerical study on the laminar fluid flow characteristics around a rectangular cylinder with different width to height ratios. Progress in Computational Fluid Dynamics, 2013, 13, 244.	0.1	11
53	Confinement effects on liquid-flow characteristics in carbon nanotubes. Physical Review E, 2015, 92, 063001.	0.8	11
54	Wall-modeled large eddy simulation of turbulent heat transfer by the lattice Boltzmann method. Journal of Computational Physics, 2021, 433, 110186.	1.9	11

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55	Effect of magnetic field on natural convection inside a partially-heated vertical duct: Experimental study. International Journal of Heat and Mass Transfer, 2019, 132, 1231-1238.	2.5	9
56	Direct numerical simulation of turbulent conjugate heat transfer in a porous-walled duct flow. Journal of Fluid Mechanics, 2020, 904, .	1.4	9
57	Consistent evaporation formulation for the phase-field lattice Boltzmann method. Physical Review E, 2021, 103, 053307.	0.8	9
58	Application of a Higher Order GGDH Heat Flux Model to Three-Dimensional Turbulent U-Bend Duct Heat Transfer. Journal of Heat Transfer, 2003, 125, 200-203.	1.2	9
59	Wave-turbulence interaction of a low-speed plane liquid wall-jet investigated by particle image velocimetry. Physics of Fluids, 2005, 17, 082101.	1.6	8
60	An extension of the second moment closure model for turbulent flows over macro rough walls. International Journal of Heat and Fluid Flow, 2019, 77, 186-201.	1.1	8
61	Lattice Boltzmann simulation of gas flow over micro-scale airfoils. Computers and Fluids, 2009, 38, 1675-1681.	1.3	7
62	An analytical wall-function for recirculating and impinging turbulent heat transfer. International Journal of Heat and Fluid Flow, 2013, 41, 45-54.	1.1	7
63	Turbulence over/inside porous surfaces and challenges to its modelling. Journal of Physics: Conference Series, 2014, 530, 012004.	0.3	7
64	Numerical Analysis on Two-Dimensional Flow and Heat Transfer of Louvered Fins Using Overlaid Grids. The JSME International Journal, Series 2: Fluids Engineering, Heat Transfer, Power, Combustionrmophysical Properties, 1990, 33, 122-127.	0.1	6
65	Turbulent heat transfer in a two-pass cooling channel by several wall turbulence models. International Journal of Heat and Mass Transfer, 2014, 77, 406-418.	2.5	6
66	Effect of magnetothermal force on heat and fluid flow of paramagnetic liquid flow inside a pipe. Applied Thermal Engineering, 2017, 115, 1298-1305.	3.0	6
67	Implicit Large-Eddy Simulation of rotating and non-rotating machinery with Cumulant Lattice Boltzmann method aiming for industrial applications. , 2019, , .		6
68	Rayleigh-BÃ©nard Convection of Paramagnetic Liquid under a Magnetic Field from Permanent Magnets. Symmetry, 2020, 12, 341.	1.1	6
69	Turbulence characteristics over k-type rib roughened porous walls. International Journal of Heat and Fluid Flow, 2020, 82, 108541.	1.1	6
70	Numerical simulation of filtration processes in the flow-induced deformation of fibrous porous media by a three-dimensional two-way fluid-structure interaction scheme. Chemical Engineering Science, 2022, , 117500.	1.9	6
71	A Study on the Volume Averaged Turbulence Transport Equations by Performing LES of Square Rod Array Flows. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2013, 79, 1752-1763.	0.2	5
72	Ghost-fluid-based boundary treatment in lattice Boltzmann method and its extension to advancing boundary. Applied Thermal Engineering, 2014, 72, 126-134.	3.0	5

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73	On the Budget Terms of the Double Averaged Turbulent Stress Transport Equations in Porous Media. Procedia Engineering, 2014, 79, 3-8.	1.2	5
74	Development of magneto-thermal lattice Boltzmann heat and fluid flow simulation. Heat and Mass Transfer, 2015, 51, 1263-1275.	1.2	5
75	Wall-Adjacent Velocity Profiles of Nano-scale Gas Flows. Journal of Statistical Physics, 2016, 165, 907-919.	0.5	5
76	Magnetothermal force on heated or cooled pipe flow. International Journal of Heat and Fluid Flow, 2018, 69, 1-8.	1.1	5
77	Combined effects of molecular geometry and nanoconfinement on liquid flows through carbon nanotubes. Physical Review E, 2018, 97, 053109.	0.8	5
78	Natural convection of paramagnetic fluid along a vertical heated wall under a magnetic field from a single permanent magnet. Journal of Magnetism and Magnetic Materials, 2020, 502, 166574.	1.0	5
79	Lattice Boltzmann Flow Simulation in a Combined Nanochannel. Advances in Applied Mathematics and Mechanics, 2010, 2, 609-625.	0.7	5
80	Near-Wall Grid Dependency of Low-Reynolds-Number Eddy Viscosity Turbulence Models.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1998, 64, 3315-3322.	0.2	4
81	Describing characteristic parameters of turbulence over two-dimensional porous roughness. Journal of Thermal Science and Technology, 2021, 16, JTST0027-JTST0027.	0.6	4
82	Phase-field lattice Boltzmann simulation of minute droplet onto isotropic porous media. Transactions of the JSME (in Japanese), 2020, 86, 20-00014-20-00014.	0.1	4
83	A Generalized Analytical Wall-Function for Turbulence (2nd Report, A Thermal Field Model for Forced) Tj ETQq1 1 0.784314 rgBT /Overlo of the Japan Society of Mechanical Engineers Series B B-hen, 2005, 71, 2734-2740.	0.2	3
84	Prediction of 3-D nano-mesh flows by a micro-flow LBM and its evaluation against MD simulations. Progress in Computational Fluid Dynamics, 2011, 11, 139.	0.1	3
85	Permeability prediction of fibrous porous media by the lattice Boltzmann method with a fluid-structure boundary reconstruction scheme. Journal of Industrial Textiles, 2022, 51, 6902S-6923S.	1.1	3
86	Extending an Analytical Wall-Function for Turbulent Flows Over Rough Walls. , 2005, , 157-166.		3
87	HEAT TRANSFER AND PRESSURE DROP IN MULTILOUVERED FINS. Journal of Enhanced Heat Transfer, 2017, 24, 137-144.	0.5	3
88	9 Analytical wall-functions of turbulence for complex surface flow phenomena. Developments in Heat Transfer, 2010, , 331-380.	0.1	3
89	Analytical Wall-Function Strategy for the Modelling of Turbulent Heat Transfer in the Automotive CFD Applications. , 0, , .		3
90	Turbulence measurement of a partially recirculating turbulent flow with Laser-Doppler-velocimeter and its numerical study.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1987, 53, 3639-3647.	0.2	2

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91	LES Analysis of Engine Steady Intake Flows Using a Mixed-Time-Scale SGS Model. , 2007, , 1273.		2
92	Flow Simulations in a Sub-Micro Porous Medium by the Lattice Boltzmann and the Molecular Dynamics Methods. , 2009, , .		2
93	Magnetic Convection Inside a Polymer Solution Droplet on a Lyophobic Surface. Numerical Heat Transfer; Part A: Applications, 2011, 59, 98-113.	1.2	2
94	Hybrid model of lattice Boltzmann and CLSVOF methods for immiscible two-fluid flow. Progress in Computational Fluid Dynamics, 2013, 13, 152.	0.1	2
95	PIV measurements of interface turbulence over hetero-porous media. Journal of Physics: Conference Series, 2014, 530, 012058.	0.3	2
96	Effect of the wall structure on nanochannel gas flow: A molecular dynamics study. Journal of Thermal Science and Technology, 2015, 10, JTST0027-JTST0027.	0.6	2
97	Thermal lattice Boltzmann method for complex microflows. Physical Review E, 2016, 94, 013102.	0.8	2
98	A coupled lattice Boltzmann and Cosserat rod model method for three-dimensional two-way fluidâ€"structure interactions. AIP Advances, 2021, 11, 075020.	0.6	2
99	POROUS MEDIUM MODELING OF TURBULENT HEAT TRANSFER IN SQUARE ROD ARRAYS WITH A MULTI-SCALE SECOND MOMENT CLOSURE. Special Topics and Reviews in Porous Media, 2015, 6, 173-184.	0.6	2
100	Turbulent channel flows over porous rib-roughed walls. Experiments in Fluids, 2022, 63, 1.	1.1	2
101	Numerjcal analysis on two-dimensional flow and heat transfer of louvered fins using overlaid grids. 2nd report. Parametric study of fin parameters.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1990, 56, 3279-3283.	0.2	1
102	Development of a Nonlinear Three Equation Eddy Viscosity Model Coupled with Transport Effects of a Stress Flatness Parameter.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1998, 64, 57-64.	0.2	1
103	Toward the Development of an Algebraic Turbulent Heat Flux Model with the Aid of LES Data.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1998, 64, 2208-2215.	0.2	1
104	Large Eddy Simulation of Passive Scalar in Complex Turbulence with Flow Impingement and Flow Separation.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1999, 65, 1395-1402.	0.2	1
105	Computation of Turbulent Heat Transfer by a TCL Second Moment Closure with a Higher Order GGDH Heat Flux Model.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2002, 68, 1206-1213.	0.2	1
106	Validation of Cubic Nonlinear Eddy Viscosity Turbulence Models for Engine Steady Intake Flows.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2002, 68, 1586-1592.	0.2	1
107	Application of Cubic Eddy Viscosity Turbulence Models to 3D U-bend Duct Flows.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2002, 68, 495-503.	0.2	1
108	Computation of Laminar Liquid Pinch-Off Jets by the Level Set Method. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2003, 69, 1321-1326.	0.2	1

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109	Modelling Pressure-Diffuion Process in the Reynolds Stress Transport Equation. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2004, 70, 2386-2393.	0.2	1
110	A Generalized Analytical Wall-Function for Turbulence (1st Report, A Flow Field Model for Smooth) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Mechanical Engineers Series B B-hen, 2005, 71, 2725-2733.	0.2	1
111	Lattice Boltzmann Flow Simulation in Micro-Nano Transitional Porous Media. , 2010, , .		1
112	Numerical Simulation for Heat and Fluid Flow Through Porous Media. , 2011, , .		1
113	Molecular dynamics simulation for flow characteristics in nanochannels and single walled carbon nanotubes. Journal of Physics: Conference Series, 2014, 530, 012048.	0.3	1
114	Development of an Analytical Wall Function for Bypass Transition. Fluids, 2021, 6, 328.	0.8	1
115	Effect of Wall Structures on Nano-Channel Flows. , 2014, , .		1
116	Dissimilarity Between Heat and Momentum Transfer of Turbulent Heat Transfer over Surfaces with Hemisphere Protrusions. Springer Proceedings in Physics, 2021, , 115-121.	0.1	1
117	A Study Toward Improving Accuracy of Large Scale Industrial Turbulent Flow Computations. , 2007, , 99-105.		1
118	Turbulence over porous walls with structural roughness of k- and d-types. The Proceedings of the Fluids Engineering Conference, 2019, 2019, OS8-03.	0.0	1
119	Magnetothermal force effect on natural convection through a partially-heated vertical channel. Journal of Thermal Science and Technology, 2020, 15, JTST0019-JTST0019.	0.6	1
120	Numerical analysis on two-dimensional flow and heat transfer of louvered fins using overlaid grids.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1989, 55, 221-226.	0.2	0
121	Development of a Gradient Diffusion Type of Heat-Flux Model with an Introduction of a Quadratic Reynolds Stress Tensor.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1998, 64, 2570-2577.	0.2	0
122	Performance of Low-Reynolds-Number Second Moment Closures in Turbulent 3-D U-bend Duct Flows with Heat Transfer.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2002, 68, 3093-3100.	0.2	0
123	Turbulent Heat Transfer Computations around a Square Obstacle Mounted on a Channel Wall by an Improved Second Moment Closure. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2004, 70, 2394-2401.	0.2	0
124	An Experimental Study on the Structure of Turbulence over Permeable Porous Walls(Fluids) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td Engineers Series B B-hen, 2009, 75, 2455-2463.	0.2	0
125	Three-Dimensional Flow in Nano-Porous Media by Lattice Boltzmann Method(Fluids Engineering). 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2010, 76, 2032-2038.	0.2	0
126	Flow Simulations in Nano-Channel by Lattice Boltzmann Method(Fluids Engineering). 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2010, 76, 1525-1533.	0.2	0

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127	Quadrant analyses of separating and reattaching turbulence over rib-mounted porous walls. Journal of Physics: Conference Series, 2011, 318, 022015.	0.3	0
128	An Experimental Study on Separating and Reattaching Turbulent Flows over Permeable Walls (Effects) Tj ETQq0 0 0 rgBT /Overlock 10 Tf of the Japan Society of Mechanical Engineers Series B B-hen, 2011, 77, 1325-1334.	0.2	0
129	PREFACE: ASIAN SYMPOSIUM ON COMPUTATIONAL HEAT TRANSFER AND FLUID FLOW-2011 (ASCHT-11). Computational Thermal Sciences, 2012, 4, 201-211.	0.5	0
130	Natural convection of air between parallel plates under strong magnetic field. International Journal of Advances in Engineering Sciences and Applied Mathematics, 2018, 10, 125-131.	0.7	0
131	Preface for Review article by Kim & Choi. International Journal of Heat and Fluid Flow, 2019, 75, 300.	1.1	0
132	Mean Velocity Profiles over Streamwise-Aligned Permeable Ridges. Springer Proceedings in Physics, 2021, , 51-56.	0.1	0
133	Thermal engineering in hybrid car systems. Developments in Heat Transfer, 2008, , 373-391.	0.1	0
134	An experimental study on turbulence over rib-mounted permeable walls. , 2009, , .		0
135	S0506-2-6 Experimental study on the vortex structure of turbulence over permeable walls. The Proceedings of the JSME Annual Meeting, 2010, 2010.2, 23-24.	0.0	0
136	Second moment modelling of turbulence in porous media. , 2012, , .		0
137	Molecular Dynamics Simulation of Slip-Transitional Flows in Nano-Channels. , 2012, , .		0
138	Turbulent transport in the interface region of porous layer. , 2015, , .		0
139	NATURAL CONVECTION OF PARAMAGNETIC FLUID BETWEEN PARALLEL PLATES UNDER STRONG MAGNETIC FIELD. , 2017, , .		0
140	Lattice Boltzmann Method for Turbulent Flows. , 2018, , 285-292.		0
141	TURBULENT TRANSPORT OVER ANISOTROPIC POROUS MEDIA. , 2018, , .		0
142	MAGNETOTHERMAL CONVECTION OF PARAMAGNETIC FLUID INSIDE OPEN-CELL POROUS MEDIA UNDER GRAVITY FIELD. , 2018, , .		0
143	SECOND MOMENT MODELLING OF CONJUGATE TURBULENT HEAT TRANSFER IN POROUS MEDIA. , 2018, , .		0
144	Coolant Wetting Simulation on Simplified Stator Coil Model by the Phase-Field Lattice Boltzmann Method. Entropy, 2022, 24, 219.	1.1	0

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145	Liquid Flow Simulation onto the Horizontal Square Rod Array. Japanese Journal of Multiphase Flow, 2022, 36, 128-135.	0.1	0